5-021.64 SACRAMENTO VALLEY - NORTH AMERICAN

Basin Boundaries

Summary

The North American groundwater subbasin lies in the eastern central part of the Sacramento Valley groundwater basin. The northern boundary of the subbasin is the Bear River and the Yuba/Placer County Line. The eastern boundary is the edge of the alluvial basin, where little or no groundwater flows into or out of the groundwater basin from the rock of the Sierra Nevada. The southern boundary is the American River and the western boundary is the Sacramento and Feather Rivers.The boundary is defined by 11 segments detailed in the descriptions below.

Segment Descriptions

Segment Label	Segment Type	Description	Ref
1-2	I Stream	Begins from point (1) and follows the Bear River to point (2).	{a}
2-3	I County	Continues from point (2) and follows the Placer/Yuba County line to point (3).	{b}
3-4	E Alluvial	Continues from point (3) and generally follows the contact of Quaternary alluvium and Tertiary nonmarine deposits with granitic and volcanic rocks of the Sierra Nevada to point (4).	{c}
4-5	E Alluvial	Continues from point (4) and generally follows the contact of Quaternary alluvium and Tertiary nonmarine deposits with granitic and volcanic rocks of the Sierra Nevada to point (5).	{d}
5-6	I Stream	Continues from point (5) and follows the American River to point (6).	{a}
6-7	I County	Continues from point (6) and follows the Yolo County line to point (7).	{b}
7-1	I Stream	Continues from point (7) and follows the Sacramento then Feather River to the end at point (1).	{a}
8-8	ENon-Alluvial	Starts from point (8) and generally follows the contact of Tertiary nonmarine deposits with granitic rocks and ends at point (8).	{e}
9-9	ENon-Alluvial	Starts from point (9) and generally follows the contact of Tertiary nonmarine deposits with granitic rocks and ends at point (9).	{e}
10-10	ENon-Alluvial	Starts from point (10) and generally follows the contact of Tertiary nonmarine deposits with granitic rocks and ends at point (10).	{e}

Significant Coordinates

Point	Latitude	Longitude
1	38.939424473	-121.580819122
2	38.99645406	-121.414767149
3	39.037967572	-121.338380784
4	38.997738471	-121.320471903
5	38.681559392	-121.176915204
6	38.594075098	-121.507979595
7	38.782426125	-121.615152878
8	38.849882894	-121.25475384
9	38.839345704	-121.254907382
10	38.818610845	-121.251496297

Map

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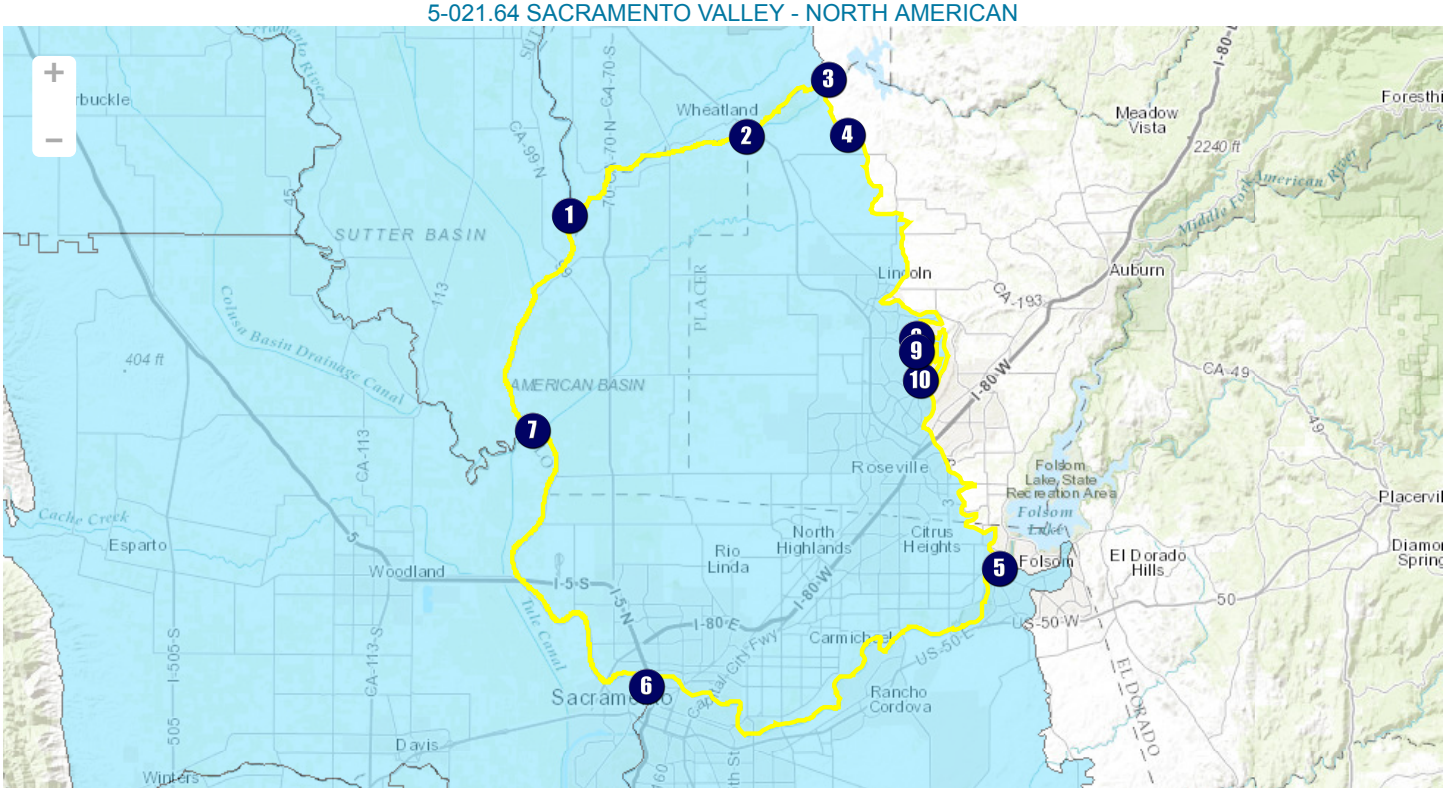

http://sgma.water.ca.gov/bbat/?appid=160718113212&subbasinid=5-21.64

References

Ref	Citation	Pub Date	Global ID
{a}	United States Geological Survey (USGS), National Hydrography Dataset, Flowline Dataset for California, note: Coordinated effort among the United States Department of Agriculture-Natural Resources Conservation Service (USDA-NRCS), the United States Geological Survey (USGS), and the Environmental Protection Agency (EPA). URL: http://nhd.usgs.gov/data.html	2/1/2016	1
{b}	California Department of Forestry and Fire Protection (Cal Fire), California Counties and Paired Dataset (cnty15_1). URL: http://frap.fire.ca.gov/data/frapgisdata-subset	2/14/15	2
{c}	California Geological Survey (CGS), Geologic Atlas of California Map No. XX, Chico Sheet, 1:250,000.	1962	12
{d}	California Geological Survey (CGS), Geologic Atlas of California Map No. XX, Sacramento Sheet, 1:250,000.	1965	19
{e}	California Geological Survey (CGS), Regional Geologic Map No. 1A, Sacramento Quadrangle, 1:250,000, D.L. Wagner, C.W. Jennings, T.L. Bedrossian, and E.J. Bortugno. URL: http://www.quake.ca.gov/gmaps/RGM/sacramento/sacramento.html	1981	5

Footnotes

I: Internal

E: External